

# Quantization and groupoids revisited

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## **Abstract**

In this talk, we will recall the old programme of quantization of Poisson manifolds through their symplectic groupoids/realizations. We will discuss possible new developments in the light of new explicit descriptions of symplectic groupoids near the units. As a first result, we will review the result obtained together with B. Dherin in which the semi-classical part of Kontsevich's quantization formula is obtained from elementary Poisson-geometric results.